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SPRING

1910.

Catalogue of
**HOME-GROWN
FARM SEEDS**

DANIELS BROS L^{TD}
Royal Arcade.
NORWICH

*Stand 132
Coen Hall
Norwich*

£25 CASH PRIZES

OFFERED BY

DANIELS BROS. LTD.,

AT THEIR

Annual Root Show, November, 1910.

IMPORTANT NOTICE.

For many years past we have offered Prizes amongst our Customers for the produce of our select stocks of Mangel, Swede, and Turnip, and that these offers have been appreciated is proved by the fine show of Roots sent in for Competition.

We beg to inform our Patrons that, in connection with the NORFOLK AND NORWICH FAT CATTLE SHOW, to be held in November next, we shall have much pleasure in again offering the following Prizes for Roots grown from Seeds obtained direct from us during the present year. The Roots exhibited to be drawn from not less than the acreage stated. Date of Show, and further full particulars, will be sent in advance to all Customers eligible to compete.

These Prizes are open to all our Customers, without entrance fee, and we pay carriage on all exhibits grown within a radius of 50 miles from Norwich.

	1st Prize.	2nd Prize.	3rd Prize.	4th Prize.
	£ s. d.	£ s. d.	s. d.	s. d.
Daniels' Coronation Globe Mangel For the best Six Roots, <i>From Two Acres</i>	= 2 10 0	1 12 6	20 0	12 6
Daniels' Gate-post Mangel For the best Six Roots, <i>From Four Acres</i>	= 2 0 0	1 0 0	15 0	10 0
Daniels' Golden Tankard Mangel For the best Six Roots, <i>From Four Acres</i>	= 2 0 0	1 0 0	15 0	10 0
Daniels' Norfolk Giant Purple-top Swede For the best Six Roots, <i>From Four Acres</i>	= 2 0 0	1 0 0	15 0	10 0
Daniels' Improved Purple-top Swede For the best Six Roots, <i>From Two Acres</i>	= 1 10 0	15 0	10 0	7 6
Daniels' Norfolk Green Round Turnip For the best Six Roots, <i>From Two Acres</i>	= 1 0 0	10 0	7 6	5 0
Carrot, Daniels' Giant Yellow Intermediate For the best Six Roots	10 0	7 6	5 0	2 6

A Report of last year's Competition and Names of Prizewinners will be found on back of Order Sheet.

DANIELS BROS. Ltd., Seed Growers, NORWICH.

BY APPOINTMENT TO HIS MAJESTY THE KING.

DANIELS' SELECTED MANGELS.

PEDIGREE STOCKS.



DANIELS' CORONATION GLOBE.

This very fine Mangel, introduced by us, has become highly popular. It is a cross between Golden Tankard and Orange Globe, and represents the most perfect type of Globe Mangel. It is of splendid size, a rich orange red in colour, very solid, of most symmetrical form, with single tap-root, and in richness of saccharine matter and feeding qualities, rivals the famous Golden Tankard, whilst it produces a much heavier weight per acre.

Per lb., 1s. ; per cwt., 104s.

DANIELS' CHAMPION ORANGE GLOBE—

A grand stock of Globe Mangel, specially selected for its clear skin, neat top, and tap-root, also its highly nutritious qualities. It grows a very heavy weight per acre, is easily stored, and an excellent keeper. Can be recommended as one of the best for general use. Our own unequalled stock.

Per lb., 10d. ; per cwt., 88s.

Sow six to eight pounds per acre.

We carefully test the growth of all Seeds before sending out.

DANIELS' SELECTED MANGELS.

GLOBE VARIETIES.



DANIELS' SELECTED YELLOW GLOBE

DANIELS' SELECTED YELLOW GLOBE.

A grand stock, specially selected for its neat top, splendid shape, and single tap root, at the same time it grows to a large size and keeps well.

per lb., 10d.; per cwt., 88s.

	per lb.	per cwt.	
	s.	s.	d.
Monarch Yellow Globe —A new selection, producing a heavy weight per acre; the roots grow to a large size without becoming unduly coarse	0	10	88 0
Prizewinner Yellow Globe —A fine type of Yellow Globe growing to a large size, produces a heavy crop of good quality	1	0	104 0
Somerset Yellow Globe —A very useful variety, noted for its fine neat tops, and good shape and quality of the roots	0	10	88 0
Orange Globe —Good Stock	0	9	80 0
Yellow Globe —Ordinary Stock	0	9	80 0

Sow six to eight pounds per acre.

Seed Growers by Appointment to His Majesty the King.

DANIELS'

SELECTED MANGELS.

INTERMEDIATE AND LONG VARIETIES.



DANIELS' IMPROVED GATE-POST.

DANIELS' IMPROVED GATE-POST INTERMEDIATE.

This is one of the finest Mangels ever introduced, giving great satisfaction wherever grown. The crop is uniform, and the roots heavy, handsome, and clean, with single tap-root, and of the richest and most nutritious quality. Its fine shape and single root permit the crop to be raised at a small cost, whilst it requires very little cleaning before use. Our selected Stock of this grand variety cannot be surpassed.

Per lb., 1s. ; per cwt., 104s.

DANIELS' MAMMOTH LONG RED—

The most useful variety for early use, and contains a large percentage of saccharine matter, at the same time producing a very heavy crop. Our own selected Stock

per lb.	per cwt.
s. d.	s. d.

....	0 10	88 0
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Red Intermediate—An improvement on the Long Red, and very useful for shallow soils. The roots are broader and shorter than that variety, and much easier to raise, whilst it comes fit for use quite as early, and produces a very heavy crop of nice clean roots

....	1 0	104 0
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Sow six to eight pounds per acre.

We carefully test the growth of all Seeds before sending out.

DANIELS' SELECTED MANGELS.

INTERMEDIATE AND LONG VARIETIES.



DANIELS' SELECTED GOLDEN TANKARD.

DANIELS' SELECTED GOLDEN TANKARD.

A very superior variety for shallow soils, highly nutritious and stores well. This stock is specially selected for its yellow or golden flesh, its richness in saccharine matter, and handsome shape, having but a small top and a single tap-root.

per lb., 1s. 2d.; per cwt., 120s.

	per lb.	per cwt.
	s. d.	s. d.
Daniels' Selected Long Yellow—First-class, very nutritious. This we can highly recommend as a select stock of Long Yellow with single tap-root, being easy to pull, and a heavy cropper	1 0	104 0
Golden Tankard—Ordinary stock	1 0	104 0
Yellow Intermediate—A good selected stock, giving great weight per acre; keeps well	0 10	88 0

Sow six to eight pounds per acre.

Seed Growers by Appointment to His Majesty the King.

DANIELS' SELECTED SWEDES.



DANIELS' NORFOLK GIANT SWEDE.

DANIELS' NORFOLK GIANT PURPLE-TOP—

This grand variety has now become very popular amongst our customers. The roots are symmetrical in shape, and uniform in size, producing a heavier weight per acre than any other sort, and are remarkably good keepers. Our own selected stock

per lb.	per bush.
s. d.	s. d.

0	8	32	0
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DANIELS' IMPROVED PURPLE-TOP—

A carefully selected and splendid variety; remarkably heavy cropper of unsurpassable quality. Is exceedingly hardy and stores well. Highly recommended

0	7	28	0
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Sow three to four pounds per acre.

Ground intended for Swedes should be fairly, but not too liberally manured, and the soil should always be well-broken up and brought into fine tilth before sowing. Ridge cultivation is most in favour in the Eastern Counties, the ridges being about two feet apart, and the plants thinned out to about a foot apart in the row. Clean cultivation is highly essential in the production of good crops, the frequent stirring of the surface by the hoe being of great benefit to the growing crop. The latter part of May or early in June may generally be reckoned about the time for sowing, and the seed should be drilled at the rate of 3 or 4 lbs. per acre. Swedes are of a much higher nutritive quality than White Turnips, and although hardy enough in the general way to stand the Winter, they are much better when stored before being injured by frost.

Seed Growers by Appointment to His Majesty the King.

DANIELS' SELECTED SWEDES.



DANIELS' DEFIANCE GREEN-TOP SWEDE.

	per lb.	per bush.
	s. d.	s. d.
DANIELS' DEFIANCE GREEN-TOP— This variety has withstood the severest Winters when other kinds have failed. A first-class sort for grazing purposes, keeping solid and nutritious far into the Spring. Highly recommended	0 9	34 0
Best of All —A handsome purple-top variety of hardy constitution, producing a heavy crop of fine shaped roots, which are very solid, and of splendid keeping quality	0 9	34 0
Elephant or Monarch —One of the best for early use. The roots are of splendid shape, and very heavy. It is an excellent cropper, and keeps well	0 8	30 0
Kangaroo —A fine green-top Swede of similar shape to the Monarch, but much hardier than that variety, and of first class feeding quality	0 10	40 0
Magnum Bonum —A very fine hardy Swede of excellent feeding qualities. Produces a great weight per acre of handsome roots. Highly recommended	0 10	40 0
Champion Improved —A fine hardy Swede, one of the heaviest-cropping in cultivation, but not suitable to very poor or light soils	0 7	28 0
Purple-Top —A good selected stock	0 6	25 0

Sow three to four pounds per acre.

DANIELS' WHITE-FLESHED TURNIPS.

SELECTED STOCKS.

Sow in May or early in June for Summer feeding, and in July and August for late Autumn or Winter use.



DANIELS' NORFOLK GREEN ROUND.

DANIELS' NORFOLK GREEN ROUND—

A fine hardy stock, much superior to the usual stocks of Green Round, the roots are of grand shape and quality. If not sown too early it will stand the winter well

per lb.		per bush.	
s.	d.	s.	d.
0	7	25	0

DANIELS' PURPLE-TOP MAMMOTH—

A grand Turnip for early sowing, grows to a large size, and produces a heavy weight per acre. Our stock of this has been grown from transplanted bulbs, and can be relied on as really first-class

0	9	35	0
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Green Round—Ordinary stock	0	6	20	0
Bell or Decanter—Good old variety, extra fine selected stock, grown from transplanted roots	0	8	30	0
Devonshire Grey Stone—The largest of white-fleshed Turnips	0	9	35	0
Norfolk White Loaf—Well-known, useful sort for early sowing	0	8	30	0
Pomeranian or White Globe—A fine Turnip for early use	0	8	30	0
Stone or Stubble—First-class for late sowing	0	8	30	0

Sow three to four pounds per acre.

DANIELS'

YELLOW-FLESHED or HYBRID TURNIPS

Yellow-fleshed Turnips should be sown in June or July. The produce is much more nutritious than that of the White-fleshed varieties, besides which, they are hardier and better keepers.



DANIELS' GREEN-TOP YELLOW SCOTCH.

DANIELS' GREEN-TOP YELLOW SCOTCH—

Grows a heavy crop, flesh solid and juicy, much relished by cattle. A capital variety for early Spring feeding; highly recommended. Our own selected stock, grown from transplanted roots

	per lb.	per bush.
	s. d.	s. d.

	0 9	34 0
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Daniels' Purple-top Yellow Scotch—A very superior variety, nearly equal to the Swede in quality, and may be sown much later with the certainty of a crop

.....	0 9	34 0
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Orange Jelly or Golden Ball—Excellent for late sowing

.....	1 0	45 0
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Yellow Tankard—Comes early into use, large cropper

.....	0 9	35 0
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Green-top Scotch—Ordinary stock

.....	0 8	30 0
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Sow three to four pounds per acre

Seed Growers by Appointment to His Majesty the King.

CARROTS FOR FIELD CULTURE.



CARROT, DANIELS' GIANT YELLOW INTERMEDIATE. Much reduced from a Photograph.

The cultivation of Carrots as a field crop has been much on the increase of late years, and where the soil is favourable, they undoubtedly constitute one of the most profitable crops for the farmer. Carrots contain a large proportion of saccharine matter, are highly nutritious, and all kinds of stock will eat them with relish. They are of especial value as a food for horses, and are always in demand as a marketable article. A rather light, deep and fairly rich soil is the most favourable for growing really good Carrots, and the ground should, if possible, be deeply ploughed in Autumn or early Spring, using a sufficiency of well-decayed manure. Fresh manure applied immediately before sowing being detrimental to the good form and quality of the roots.

Sow the seeds in April or early in May in shallow drills twelve or fifteen inches apart, using 8 lbs. of seed to the acre. Hoe between the rows as soon as the plants can be seen and soon as they are large enough to handle, thin out to six or eight inches apart in the drill, keeping them clean afterwards by occasional hoeings and weedings. In growing for market the plants require very little thinning out, the smaller roots generally making the best price, whilst the large roots can be used for horses or cattle.

Lift the roots in October or November, cut off the tops fairly close to the crown, and store when dry in a similar way to Mangels.

<p>DANIELS' GIANT YELLOW INTERMEDIATE. This grand stock has been carefully selected by us for several years past. It is a heavy cropping variety, of rich quality, and well adapted for shallow soils ... 2 6</p> <p>Altrincham Improved. Very fine ... 2 0</p>	<p>James' Scarlet Intermediate. Suitable for shallow soils. A fine selected stock 1 9</p> <p>Studley. Well adapted for shallow soils ... 2 0</p> <p>Belgian, White. One of the largest ... 1 6</p> <p>Belgian, Yellow. Very nutritious, large cropper 1 6</p> <p>Wiltshire Giant White. Extra fine stock 2 6</p>
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The above are all Clean Seed, and are therefore much easier for sowing.

PARSNIPS FOR FIELD CULTURE.

Parsnips as a field crop are not nearly appreciated to the extent they deserve, and we strongly advise farmers who have not already grown them for feeding purposes, to give them a trial. Parsnips are very rich in saccharine matter, and contain more nutriment than either Mangels or Swedes. They are of great value for feeding cattle, and are first class as a rich and plentiful milk-producer for Cows, whilst pigs, fed on boiled parsnips and barley meal, will fatten much quicker than with any other food.

Ground intended for Parsnips should be deeply cultivated and liberally manured. The seeds should be sown, at the rate of 8 lbs. to the acre, any time from the end of February to the last week in March. The drills should be about fifteen inches apart, and the plants afterwards thinned out to six or eight inches apart in the rows. The crop may be lifted in October or November, and stored in the same way as Mangels or they may be left in the ground and drawn as required. They will, however, take no harm from frost, which is considered by many to improve their quality.

<p>Hollow-crowned. Largest and best for general use, a fine selected stock ... 1 3</p> <p>Large Guernsey. A fine, large, heavy cropping variety ... 1 0</p> <p>Student. A good useful variety, but requires a good depth of soil ... 1 6</p>

We carefully test the growth of all Seeds before sending out.

KOHL RABI.



KOHL RABI, DANIELS' LARGE GREEN. Much reduced from a Photograph.

This may be described as a Cabbage with a very much expanded stem, having somewhat the appearance of a Turnip. It is exceedingly hardy, highly nutritious, and is eaten with avidity by horses and all kinds of cattle and sheep. It is less liable to attacks of insects and mildew, and resists drought better than Turnips. It yields an excellent crop, and is of especial value for feeding milch cows, not imparting that peculiar, strong taste to the milk which it so often acquires when the cows are fed on Turnips. The seeds should be sown, on well prepared ground, in April or May, in drills eighteen inches or two feet apart, and the plants thinned out to about a foot apart in the row. The seeds may also be sown in March or April on beds for planting out in the way of Cabbages, and plants raised in this way will be found very useful for filling up any blank spaces amongst the Mangels or other root crops. Where the seed is drilled, about 4 lbs. to the acre should be used; when sown for planting out, 2 lbs. to the acre will be sufficient.

DANIELS' SELECTED SHORT-TOPPED GREEN. A very superior stock	per lb.--s.	d.
.....	2	0
DANIELS' LARGE GREEN. Grows to a large size, and the best for general use	1	6
Large Purple. Very hardy	3	6

THOUSAND-HEADED KALE.

This is of immense value and should be considered indispensable where stock are kept. It produces an enormous quantity of valuable food which is highly relished by sheep. It is of especial value during the Winter and Spring months when there is often a scarcity of green foods, and by judicious sowings may be had in abundance almost throughout the entire year. The plants grow from three to four feet high, throwing out numerous branches quite from the ground, and are extremely hardy, resisting the severest frost. For Autumn and Winter use the seeds should be sown in March or April, at the rate of 4 lbs. to the acre, in drills 2½ feet apart, and the plants afterwards thinned out to two feet apart in the row. For Spring and Summer use, August and September are the best months for sowing. Ground intended for these should be well broken up, and will well repay a liberal dressing of manure.

THOUSAND-HEADED KALE. Tall, branching. Fine selected stock	per lb.,	1s.
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Seed Growers by Appointment to His Majesty the King.

CABBAGES FOR FIELD CULTURE.



DANIELS' EARLY DRUMHEAD CABBAGE.

DANIELS' EARLY DRUMHEAD—

A very valuable variety for sheep feed. The heads being very solid, habit dwarf and compact, it can be planted somewhat closer than the other Drumhead varieties. Sown early in March it is fit for use in September, and produces a great abundance of nutritious food

per lb.
s. d.

.....	3	6
Daniels' Improved Champion Drumhead —A very fine selected variety producing extraordinarily large heads, and a great weight per acre. First class to store for Winter use	2	6
Daniels' Dwarf Drumhead —A fine, compact growing variety, early	2	6
Robinson's Drumhead —Capital stock	2	0
Ellam's Early —A first-class early Cabbage, and one of the very best for market	4	0
Enfield Market —Excellent main crop variety, also useful for market purposes	3	0
Nonpareil —Extra fine for early feed...	4	0
Large York —Very useful, turns in quickly, and continues fit for use a long time	3	6
Early York —A fine, dwarf, and early sort	3	6

SAVOY CABBAGE.

DRUMHEAD, DANIELS' SELECTED—

Large solid heads, producing an abundance of feed

2 6

Ground intended for Cabbages should be well broken up and liberally manured. For Summer and Autumn use the seed should be sown or drilled in March or April, whilst for late Spring and early Summer use, a sowing should be made in August. When the seed is drilled it should be used at the rate of 4 or 5 lbs. to the acre, and when the seed is sown on beds for planting out, 1 lb. of seed should be allowed to each acre to be planted. For the larger varieties of Drumhead, the drills should be 2½ feet apart, and the plants thinned out to a similar distance apart in the row. For the Early Drumhead, which is of smaller growth, two feet apart will be sufficient both for drills and plants.

We carefully test the growth of all Seeds before sending out.

VEGETABLES FOR MARKETING.



DANIELS IMPROVED WHITE SPANISH. *Reduced from a Photograph.*

PEAS.

FIRST AND SECOND EARLY VARIETIES.			per bush.	
	Height.		s.	d.
William Hurst	1 foot		38	0
English Wonder	1 "		36	0
Daniels' Selected Gradus ...	3 feet		52	0
William the First (selected) ...	3 "		32	0
Daisy	1½ foot		54	0

MAINCROP AND LATE VARIETIES.

Daniels' Matchless Marrow ...	4 feet	50	0
Alderman	4 "	40	0
Gladiator	2½ "	32	0
Dr. Maclean	3 "	32	0
Duke of Albany	4 "	36	0
Autocrat	4 "	36	0

For any varieties not mentioned in the above list we should be pleased to quote prices on application.

BROAD BEANS.

	per bush.—s.	d.
Broad Windsor	16	0
Johnson's Wonderful	16	0
Early Long-pod	16	0

DWARF FRENCH BEANS.

	per bush.—s.	d.
Canadian Wonder. Very prolific ...	22	0
Ne Plus Ultra	24	0
Early Buff	22	0

ONIONS.

	per lb.—s.	d.
Daniels' Improved White Spanish. A fine and carefully selected stock, producing bulbs of large size, very even, and of mild flavour ...	10	6
White Spanish. Ordinary stock	5	0
Zitteau Giant Yellow	6	0
Bedfordshire Champion	4	6
James' Keeping	6	0
White Lisbon	2	6

BRUSSELS SPROUTS.

	per lb.—s.	d.
Daniels' Colossal. Fine Selected Stock ...	6	0
Daniels' Defiance. Very fine	6	0
Dalkeith	4	0
Scrymger's Giant	3	6

BROCCOLI.

	per lb.—s.	d.
Adams' Early	5	6
Daniels' Latest White. Splendid late variety ...	8	0
Daniels' King. Very fine stock	10	0
Leamington	8	0
Walcheren	12	0

CAULIFLOWER.

	per lb.—s.	d.
Autumn Giant. Fine stock	12	0
Self-protecting Autumn Giant	10	0
Early London White	12	0

Seed Growers by Appointment to His Majesty the King.

CLOVER SEEDS.

EXTRA MACHINE CLEANED, AND OF TESTED GROWTH.



TREFOIL OR BLACK.



BROAD-LEAVED ENGLISH RED CLOVER

Daniels' Giant Red Clover. A fine strong growing Clover, producing a heavy crop, and has the advantage of standing longer than the ordinary Red Clover. Highly recommended. *Sow 16 to 20 lbs. per acre.*

Per lb. 10d. to 1s.; per bush. 55s. to 65s.

Red or Broad-leaved (*T. pratense*). Our choice reelected samples produce plants of a strong, luxuriant habit of growth, which adds considerably to the quality and bulk of the crop. *Sow 16 to 20 lbs. per acre.* Per lb. 8d. to 11d.; per bush. 44s. to 60s.

Giant Cow Grass or Perennial Red (*T. perenne*). The flowers, foliage, and stems of this variety will be found darker in colour, with narrower leaves, and is much more permanent than the Common Red Clover; very highly esteemed for permanent pasture mixtures. *Sow 16 to 20 lbs. per acre.*

Per lb. 1s. to 1s. 3d.; per bush. 65s. to 80s.

Alsike or Hybrid (*Trifolium hybridum*). In habit of growth not so upright as the Common Red Clover; thrives well on soils termed *clover-sick*, is exceedingly hardy, producing a large quantity of excellent foliage. *Sow 12 to 16 lbs. per acre.*

Per lb. 9d. to 1s.; per bush. 52s. to 65s.

White or Dutch (*T. repens*). One of the most valuable for pastures, being adapted to a great variety of soils, growing naturally in some of our oldest and finest meadows. *Sow 12 to 16 lbs. per acre.* Per lb. 10d. to 1s.; per bush. 55s. to 65s.

Trefoil or Black (*Medicago lupulina*). Grows naturally in dry pastures and cultivated lands, adding considerably to the bulk of the hay crop. *Sow 16 to 20 lbs. per acre.*

Per lb. 7½d. to 9d.; per bush. 40s. to 50s.

Yellow or Red Suckling (*T. minus vel. filiforme*). Though this variety is considered too small for pastures, it is exceedingly valuable for sowing in Autumn, and will help to make a good bottom on a thin plant of Clover. *Sow 12 to 16 lbs. per acre.* Per lb. 8d. to 10d.

Clovers mixed for alternate husbandry. May be sown with a corn crop for mowing and grazing the following year.

Per lb. 10d. to 1s.; per bush. 55s. to 65s.

Clovers mixed for Lawns. A choice selection of dwarf compact-growing sorts, adding considerably to the beauty and closeness of the turf.

Per lb. 1s.

Crimson Clover (*Trifolium incarnatum*). Sown in August and September it will be fit for cutting by the beginning of June, when the land can be prepared and sown for another crop; it yields very abundantly and makes capital hay, which is much relished by all kinds of stock, especially horses.

Sow from 20 to 25 lbs. per acre.

Market Price.

Perennial Clovers. A mixture of the most valuable varieties suitable for permanent pasture, especially adapted for sowing on lands where the Common Red Clover is known to fail. *Sow 12 to 20 lbs. per acre.* Per lb. 1s.; per bush. 65s.; per cwt. 100s.

N.B.—All the above are sold 70 lbs. to the bushel.

IMPORTANT NOTICE.

As the prices of Clovers are subject to market variations, and much depending on quality, we shall be pleased at any time to submit samples and quotations, free of charge, when requested. The importance of buying Seeds of tested growth, cannot be over estimated.

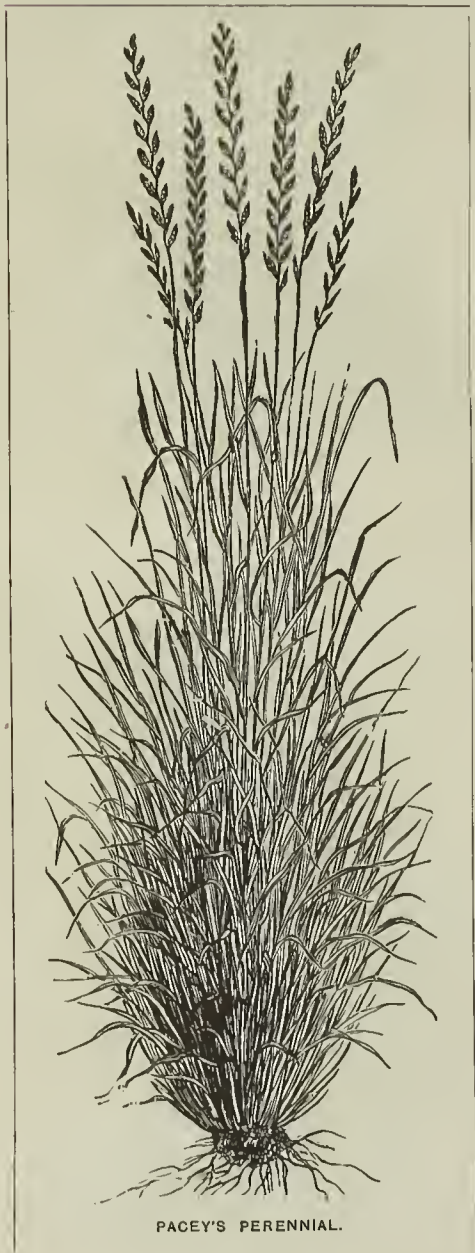
We carefully test the growth of all Seeds before sending out.

RYE GRASSES.

DANIELS' SUPERFINE ITALIAN RYE GRASSES.

EXTRA CLEANED BY THE BEST MACHINERY.

Sow for a Crop, from three to four Bushels per Acre.
For Sowing with Clovers for "leys," from one to two Pecks per acre is sufficient.



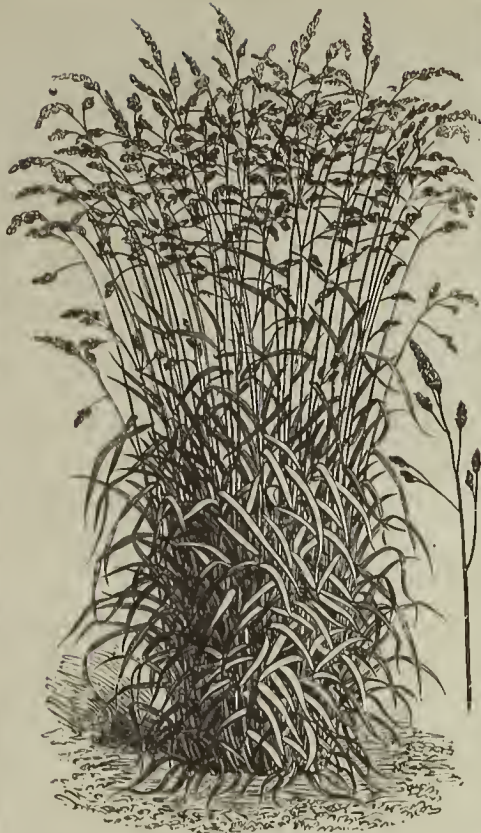
PACEY'S PERENNIAL.

Daniels' Finest Imported Italian.	<small>per bush.—s.</small>	<small>d.</small>
This well-known variety arrives sooner at maturity, and produces a greater abundance of light green-coloured foliage than the Common Perennial Rye Grass; from its quick habit of growth it is specially adapted for lands irrigated with sewage, producing crops which may be cut a number of times in one season. Thoroughly cleaned by the best modern machinery	....	8 0
Italian, English Grown	....	5s. 6d. to 7 0
Italian, Finest Recleaned	....	7s. 0d. to 7 6
Italian, as Imported in Bales, about 2 cwt.		
Lowest price per Bale on application.		

PERENNIAL RYE GRASSES.

Perennial, Pacey's (first quality).	<small>per bush.—s.</small>	<small>d.</small>
The best for permanent pasture, being of the true perennial character; is also well adapted for Pleasure Grounds and Park Mixtures	....	8 0
Perennial, Pacey's (good quality)	....	7 6
Perennial, Evergreen.		
Suitable for almost every variety of soil, and grows naturally in meadows and old pastures; one of our most valuable grasses for alternate husbandry, and is largely used in Permanent Pasture Mixtures.		
Finest quality	....	7 6
Perennial, Common (for alternate husbandry).		
This variety produces a bulky crop the first season, and is more suitable for one year's crop of hay, or one year's ley	....	6 6

Special low quotations for large quantities.
PRICES SUBJECT TO MARKET VARIATIONS.



COCKSFOOT.



MEADOW FESCUE.

DANIELS' GRASS SEEDS FOR PERMANENT PASTURE.

SUITABLE FOR ALL SOILS AND SITUATIONS.

These Mixtures are made up of the finest samples procurable, and the growth of all is carefully tested before sending out and our customers may thoroughly rely on being supplied with none but genuine seeds of first-class germinating power.

We annually supply large quantities of our Grass Mixtures to all parts of the Kingdom, and shall be pleased at all times to advise our clients as to the best and most suitable Grasses for their particular soil and district.

DANIELS' PERMANENT MIXTURES.

For Light, Medium and Heavy Soils.

		per acre—s.	d.
No. 1 MIXTURE.	Composed of Grasses and Clovers of the finest quality only	35	0
No. 2 MIXTURE.	Second Quality	30	0
No. 3 MIXTURE.	Good	23s. to	27 6
No. 4 MIXTURE.	Useful	18s. ,,	22 6

For quantities of ten acres and upwards a reduction will be made; for extra large quantities we shall always be pleased to make special quotations.

CUSTOMERS' OWN PRESCRIPTIONS MADE UP IF REQUIRED.

For Prices of separate Grasses, see pages 18 and 19.

All Orders should be accompanied with a description of the land to be laid down and the measurement in statute acres.

DANIELS' SUPERIOR LAWN GRASS SEEDS.

For many years we have given close attention to the selection of the most suitable Grasses for producing the best Lawns, Tennis Courts, Cricket Grounds, Golf Links, &c., and we have much pleasure in recommending the splendid mixtures we offer as the very best procurable for the purposes named. March and April are the best months for sowing in Spring, and September for Autumn sowing. These Grass Seeds are usually supplied without Clover, but in all cases Clover will be added if desired.

To produce a fine sward, sow one pound to the rod or six bushels to the acre.

Carriage Free in quantities of not less than 2 lbs.

	per bush.	per lb.	s.	d.
Daniels' Mixture of Dwarf Grasses, for producing a fine close turf	20s.	1	0	
Daniels' Fine Mixture of Dwarf Grasses, for producing a dark green velvety turf	25s.	1	6	
Daniels' Special Mixture for Lawns extra choice	30s.	2	0	
Daniels' Mixture for Shady Lawns and under Trees	25s.	1	6	



SMOOTH-STALKED MEADOW GRASS.



TIMOTHY GRASS.

DANIELS' MIXTURES FOR ROTATION CROPS.

The following Mixtures are made up from fine samples of English Clovers, Rye Grass, and other useful Grasses, in proportions most suitable for the production of the largest hay crops.

FOR ONE YEAR'S LEY.

	Per acre—s.	d.
Trefoil (Black) & Rye Grasses,	11s. 0d. to	13 0
Red Clover & Rye Grasses,	12s. 6d. to	16 0
Mixed Clovers & Rye Grasses,	11s. 6d. to	14 6

FOR TWO YEARS' LEY.

Mixed Grasses & Clovers, for Mowing,	14s. to	16 0
Mixed Grasses & Clovers, for Grazing,	16s. to	18 0

FOR THREE AND FOUR YEARS' LEY.

Mixed Clovers, Rye Grasses, and other useful Grasses in good proportion,	18s. to	21 0
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MIXTURES FOR TEMPORARY PASTURES.

	Per acre—s.	d.
For Light Soils	15s. to	18 0
For Medium Soils	18s. to	21 0
For Heavy Soils	21s. to	25 0

RENOVATING GRASSES & CLOVERS.

A selection of quick growing Grasses and Clovers for improving weak bottoms, and increasing the bulk of the hay crop.

Sow 8 to 12 lbs. per acre.

Per lb. 11d., per bush. 18s., per cwt. 90s.

DANIELS' SUPERIOR MIXTURES

FOR PARKS, ORNAMENTAL GROUNDS, EMBANKMENTS, &c.

Made up from a choice selection of the most useful Grasses and Clovers.

	Per acre—s.	d.
Best Quality	32s. 0d. to	37 6
Second Quality	27s. 6d. to	30 0

We shall at all times be pleased to make Special Quotation for any of the above Mixtures, to Customers requiring large quantities.

NATURAL GRASS SEEDS

USED IN DANIELS BROS.' MIXTURES.



MEADOW FOXTAIL.



HARD FESCUE.

The following are the principal varieties of Natural Grasses used in our Permanent Pasture and other Mixtures.

Meadow Foxtail (*Alopecurus pratensis*). One of the best known varieties of our Meadow Grasses, may be found growing naturally in most of our old pastures; it is one of the earliest-flowering and quick growing varieties, producing an abundant crop after being eaten down by cattle, one of the best for Permanent Pasture Mixtures ... ^{per lb.—s. d.} 1s. 2d. to 1 6

Sweet Vernal (*Anthoxanthum odoratum*). Grows naturally on dry pastures, comes early into use, is well known as producing the fine fragrance to be found in newly mown meadow hay, and is highly esteemed for sheep pasture; on lands which abound with this variety mutton of the finest quality is produced ... 4 0

Tall Oat (*Avena elatior*). Yields a large quantity of early foliage, and grows rapidly after being cropped; is best adapted for sowing in coverts, and lands for game ... 1 2

Yellow Oat (*Avena flavescens*). May be found growing in dry light lands, where it yields a considerable amount of fine herbage of highly nutritious quality; being much liked by sheep it forms one of the best grasses for upland sheep walks ... 4 0

Crested Dogstail or Gold Grass (*Cynosurus cristatus*). One of the finest foliaged, dwarf, and compact-growing varieties of our natural grasses, adapting itself to almost every variety of soil and situation, producing a close, springy turf; is largely used in all mixtures for lawns, croquet, and cricket grounds ... 1s. 6d. to 1 9

Hard Fescue (*Festuca duriuscula*). One of the best known varieties; the foliage is very fine, retaining a deep green colour during the Winter months; it is specially adapted for sowing in parks and pleasure grounds, and is much relished by sheep; it is also highly suitable for lawns ... 10d. to 1 0

Meadow Fescue (*Festuca pratensis*). One of the best varieties for alternate husbandry or permanent pasture; superior to the Common Rye Grass, and produces an abundant herbage of which cattle are particularly fond; it also adds considerably to the bulk of the hay crop ... 1s. 4d. to 1 6

As Grasses never thrive on ground exhausted by previous crops or neglected cultivation, it is of the first importance that, whatever the nature of the soil, land intended for laying down to grass should be in good condition and as free as possible from weeds. For this reason, the root crop which generally precedes grass, should be heavily manured and as early in Autumn as convenient, the ground should be deeply ploughed and left rough for the Winter. In the Spring, it should be thoroughly scarified, harrowed, and rolled to bring the soil into a thoroughly pulverized level and firm condition before seeding. The best time for sowing is from about the middle of March to the third week in April, although good results may sometimes be had by later sowings. After sowing, roll the ground as firmly as possible, and when the young plants are a few inches high, cut over with the scythe and give a good rolling. Remove all large weeds and re-sow any bare or weak patches. Top-dressings of well-decayed manure in Winter are very beneficial, and will always pay for the outlay in the larger yield.

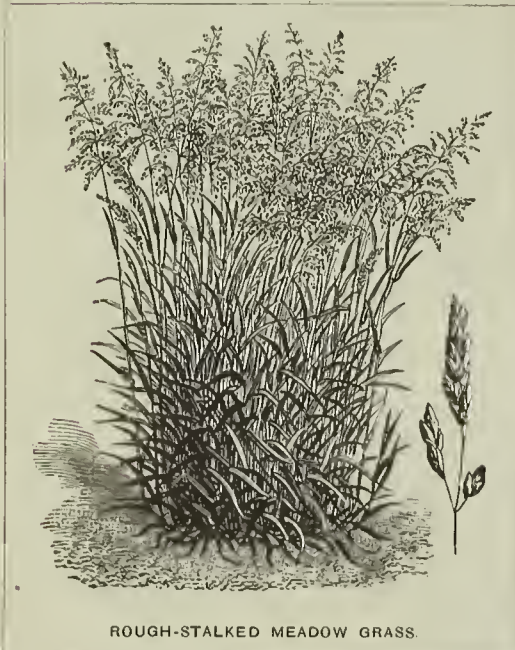
We carefully test the growth of all Seeds before sending out.

NATURAL GRASS SEEDS

USED IN
DANIELS BROS.' MIXTURES.



SMOOTH-STALKED MEADOW GRASS.



ROUGH-STALKED MEADOW GRASS.

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| Tall Meadow Fescue (<i>Festuca elatior</i>). Grows abundantly on damp, retentive soils, in shady places, and may be found near the sea coast and inland river banks; although a comparatively coarse-growing grass, it is much relished by cattle, and is valuable for hay or permanent pasture | per lb.—s. d. | 1 9 |
| Sheep's Fescue (<i>Festuca ovina</i>). May be found on high mountainous lands; well adapted for sheep pasture, and adds considerably to the superiority of the flesh and fineness of the wool | 10d. to | 1 0 |
| Fine-leaved Fescue (<i>Festuca tenuifolia</i>). Exceedingly valuable for upland sheep pastures, lawns, tennis grounds, &c. | 1 9 | |
| Red Fescue (<i>Festuca rubra</i>). A useful variety for growing on light soils, embankments, &c. | 10d. to | 1 0 |
| Cocksfoot (<i>Dactylis glomerata</i>). This produces a large quantity of bulky foliage, of which sheep are remarkably fond; but it requires to be grazed early in Spring, being coarse and tufty when allowed to seed | 1s. to | 1 2 |
| Timothy (<i>Phleum pratense</i>). One of the best for growing on strong soils and reclaimed moorlands | 4½d. to | 0 6 |
| Wood Meadow (<i>Poa nemoralis</i>). This produces a fine, close turf, and grows abundantly in shady places and under trees; it also does well in exposed places, is valuable for permanent pastures and lawn mixtures | 3 0 | |
| Smooth-stalked Meadow (<i>Poa pratensis</i>). Comes very early into use, and is found on very dry soils; when grown for hay, it should be cut when in flower | 10d. to | 1 1 |
| Rough-stalked Meadow (<i>Poa trivialis</i>). Is recommended for sowing on wet soils and lands partially shaded by trees, and is suitable for sowing on sewage farms; it retains its dark green colour during the Winter months | 1s. 4d. to | 1 6 |
| Various-leaved Fescue (<i>Festuca heterophylla</i>). Produces a fine dark green foliage, is very useful for ornamental grounds, is also very useful for pastures, adding largely to the bulk of the hay crop | 2 0 | |

ALL SORTS MUCH CHEAPER BY THE CWT.
SPECIAL QUOTATIONS FOR LARGE QUANTITIES.

EVIDENCE OF QUALITY.

From Messrs. **STONE BROS.**, Fownhope.

"The **Clover and Grass Seeds** you sent us did well, and look very promising for a good cut this season."

From **Mr. J. SHARP**, Stokenchurch.

"I was very pleased with the **Italian Rye Grass** and **Giant Red Clover**, they are the best I ever had, and a wonderful crop."

From **H. M. UPCHER, Esq.**, Sheringham Hall.

"I have great pleasure in stating that I have used Messrs. Daniels' **Grass Seeds** for some years. I have always found them clean, good, and of uniform quality. The results in the Hay crop have been most satisfactory."

From **Mr. J. COE**, Dundalk.

"The mixture of **Grasses and Clover Seed** for 6½ Irish acres you sent me are both doing well."

Seed Growers by Appointment to His Majesty the King.

Green Crop, Covert, Forage Plants, &c.

<p>Broom (<i>Cytisus scoparius</i>). (Sow fifteen to twenty pounds per acre). Much used for covert planting Price per ewt. on application 0 9</p> <p>Buckwheat or Brank (<i>Polygonum fagopyrum</i>). (Sow two to three bushels per acre). Extensively used for sowing on ridges close to the sides of coverts. Pheasants are particularly fond of it, and it is much frequented by bees when in flower ... Price on application —</p> <p>Furze or Gorse (<i>Ulex Europæus</i>). (Sow thirty pounds per acre). One of the best plants for fox and game coverts, it also constitutes one of the best green foods for horses and milch cows; it requires to be crushed and mixed with other food Price per ewt. on application 3 6</p> <p>Kidney Vetch or Yellow Sand Clover (<i>Anthyllis vulneraria</i>) ... Market price —</p> <p>Mustard. (Sow twenty pounds or one peck and a half per acre). Grown extensively for sheep feeding; it also forms a valuable manure ploughed in when green ... Market price —</p>	<p>Parsley (Sheep's). Very nutritious, prevents swelling in cattle and liver-rot in sheep; of great utility in pastures Price on application —</p> <p>Rib Grass (<i>Plantago lanceolata</i>). Valuable for poor lands and sheep pastures ... 0 3</p> <p>Rye, Giant. Market price.</p> <p>RAPE or COLE. (Sow six pounds or half peck per acre). May be sown in drills or broadcast for eating off with sheep, or converted into manure the same as mustard Price per bushel on application —</p> <p>SAINFOIN, GIANT. (Sow four bushels per acre). Specially adapted for growing on light, dry, chalky soils, producing a considerable amount of bulk for using green; it also makes very good hay ... Price on application —</p> <p>SAINFOIN, Common Price on application —</p> <p>TARES or VETCHES (Spring) Market price — " " (Winter) Market price —</p>
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We shall be pleased to submit samples of the above on application.

MAIZE OR INDIAN CORN. Sow end of May and beginning of June at the rate of 1½ to 2 bushels per acre, in rows two feet apart. Price on application.

LUPIN. Sow at the rate of two bushels per acre. Price on application.

SUGAR BEET. Improved Green-top. per lb. 1s. 2d. } Sow twelve pounds per acre.
" " " Red-top. " 1s. 2d. }



LUCERNE.

LUCERNE

(*Medicago sativa*).

This splendid perennial forage plant should be much more freely grown than at present. All kinds of farm animals will eat it readily. It is very abundant in its yield of green food, and may always be depended on to produce a heavy crop in the driest season. After sowing, it will remain in profit for ten or twelve years, and may be cut four or five times a year. Lucerne succeeds well on light chalky soil, but, as it sends its roots deep into the ground, land intended for this should be well broken up, clean, and in good condition; ground that has previously grown a crop of potatoes or turnips will suit it well. The seed may be sown broadcast or in drills, the latter for preference, as sown in drills the yield is much better, and the crop is more easily kept clean by hoeing and weeding. Sow the seeds in April or May in drills about nine inches apart, clean with the hoe when the plants come up, and thin out where they are too thick. A cutting may generally be made the first year, but it is not till the third season that the plant arrives at its full yield. A top dressing of well-rotted farmyard manure in Winter will be found of great benefit in increasing the yield of the following season.

For sowing broadcast about 28 lbs. of seed per acre should be used.
For sowing in drills 20 lbs. of seed will be sufficient.

Lucerne ... per lb. 1s. to 1/2; per ewt. 105s. to 120s.

We carefully test the growth of all Seeds before sending out.

1844

1844



SPRING

1910.

Catalogue of
**HOME-GROWN
FARM SEEDS**

DANIELS BROS. LTD
Royal Arcade.
NORWICH

*Stand 152
Cross Hall
NORWICH*